
Decomposable Container having a Multiple-part Cover

WHAT IS CLAIMED IS:

1. A decomposable container, comprising:
 - a) a base;
 - b) a cover;
 - c) and supporting parts connected to said base and said cover, which space the cover from the base and together with the base and the cover form a container volume,
 - d) wherein the cover comprises a plate-like or shell-like cover area structure and a number of edge parts, with at least one jointing element each, which are arranged, distributed on the edge of said cover area structure and overlapping the same, and positioned by means of said jointing elements and each provided with at least one functional element, wherein said at least one functional element per edge part
 - d1) forms a connecting element for connecting the cover to the base and the supporting parts or/and
 - d2) forms a positioning element, wherein said positioning element serves to position the base and the cover, stacked one on top of the other, on each other and/or to position the cover on or on top of the supporting parts.
2. The decomposable container as set forth in claim 1; wherein each of said edge parts comprises an upper part from which the at least one jointing element projects at an angle, and in that the respective edge part, together with its upper part, lies on the cover area structure and abuts the edge of the cover area structure via its at least one jointing element and is thus positioned on the cover area structure.

3. The decomposable container as set forth in the preceding claim, wherein each of the edge parts is provided with at least two jointing elements projecting at an angle from the upper part, said jointing elements abutting two edges of the cover area structure which point at an angle to each other, and in that the respective edge part is thus positioned on the cover area structure.
4. The decomposable container as set forth in the preceding claim, wherein the upper part and the at least two jointing elements point at an angle to each other in their respective pairs and together form a spatial inner angle in which a corner region of the cover area structure is accommodated.
5. The decomposable container as set forth in claim 1, wherein the edge parts each lie on a surface of the cover area structure facing away from the base and each abut at least one edge area of the cover area structure.
6. The decomposable container as set forth in the preceding claim, wherein the edge parts each abut at least two edge areas of the cover area structure pointing at an angle to each other.
7. The decomposable container as set forth in claim 1, wherein said at least one functional element formed as a connecting element is a tensing element to which a tensing means is fastened which tenses the cover against the base via at least one of the supporting parts or is directly fastened, tensing, to said at least one of the supporting parts.
8. The decomposable container as set forth in claim 1, wherein said at least one functional element formed as a positioning element projects from the respective edge part in order to protrude into a counter element of a base, for stacking the base on the cover.

9. The decomposable container as set forth in claim 1, wherein said at least one functional element formed as a positioning element is the at least one jointing element.
10. The decomposable container as set forth in claim 1, wherein the edge parts are injection molded parts.
11. The decomposable container as set forth in claim 1, wherein the edge parts are molded from plastic.
12. The decomposable container as set forth in claim 1, wherein the cover area structure is a multiple-bridge plate or shell comprising at least two covering layers and supporting bridges arranged between the covering layers and connected to the covering layers.
13. The decomposable container as set forth in claim 1, wherein the cover area structure is formed from a half-finished plate or shell molded in a strand and tailored to the size required for the cover by means of a separating method.
14. The decomposable container as set forth in claim 13, wherein said half-finished plate or shell is an extrudate or laminate.
15. The decomposable container as set forth in claim 1, wherein the cover area structure is formed from a half-finished plate or shell molded in a strand, tailored to the size required for the cover by means of a separating method and provided with bevels by forming under bending conditions.
16. The decomposable container as set forth in claim 15, wherein said half-finished plate or shell is an extrudate or laminate.

17. The decomposable container as set forth in claim 1, wherein the cover area structure is molded as one piece in a method of original molding.
18. The decomposable container as set forth in claim 1, wherein the cover area structure is molded from plastic.
19. The decomposable container as set forth in claim 1, wherein the base comprises a number of foot elements connected to each other by means of a jointing connection.
20. The decomposable container as set forth in the preceding claim, wherein the foot elements each comprise at least one free-standing foot.
21. The decomposable container as set forth in claim 19, wherein the base further comprises connecting pipes or rods which connect the foot elements to each other.
22. The decomposable container as set forth in claim 19, wherein the foot elements are each provided with at least one functional element which forms a counter element to the at least one functional element of the cover.
23. The decomposable container as set forth in claim 19, wherein the number of foot elements corresponds to the number of edge parts.
24. The decomposable container as set forth in claim 19, wherein the foot elements each exhibit a length and width which correspond to the length and width of the edge parts.